

REMARKS

Claims 8-15 remain in this application. Claims 1-7 have been canceled. Claims 8-15 has been added.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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APPENDIX:

The Appendix includes the following item(s):

- ☒ - a new or amended Abstract of the Disclosure

ABSTRACT OF THE DISCLOSURE

A waveguide, which is part of an integrated optical circuit is arranged onto a planar substrate, and has a core section propagating light to a direction of propagation. The waveguide is a conversion waveguide between a ridge-type waveguide and a strip waveguide. In the conversion waveguide, the core section is made of the one and same material so that the cross-section of the core section transverse to the direction of propagation of light is two-step from both edges. The conversion waveguide has two layers of different widths so that the height of the first layer is equal to the height of the ridge of the ridge-type waveguide, and the height of the second layer is equal to the height of the base part of the ridge-type waveguide.